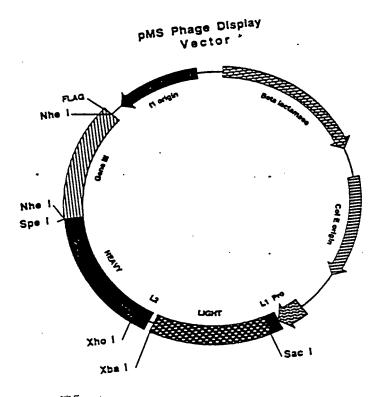
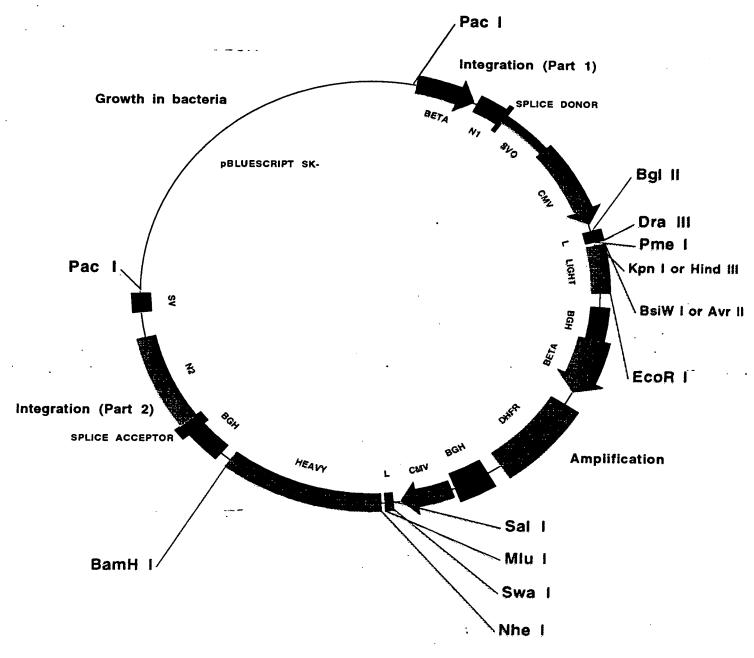
Figure 1: pMS Phage Display Vector. Pro = Lac Z promoter. L1 = Omp A leader. L2 = Pel B leader. Light = light chain . Heavy = heavy chain.





NEOSPLA



CMV = Cytomegalovirus promoter/enhancer
BETA = Mouse Beta globin major promoter

SVO = SV40 origin

BGH = Bovine growth hormone polyadenylation

SV = SV40 polyadenylation

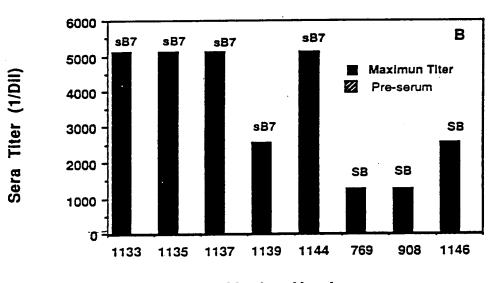
N1 = Neomycin phosphotransferase exon 1 N2 = Neomycin phosphotransferase exon 2

LIGHT = Human immunonoglobulin kappa or lambda constant region

DHFR = Dihydrofolate Reductase

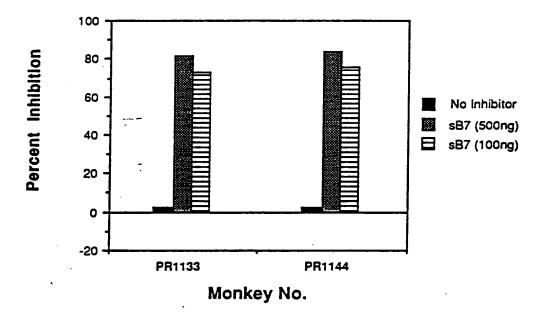
HEAVY = Human immunonoglobulin gamma 1 or gamma 4 PE constant region

L = Leader



Monkey Number

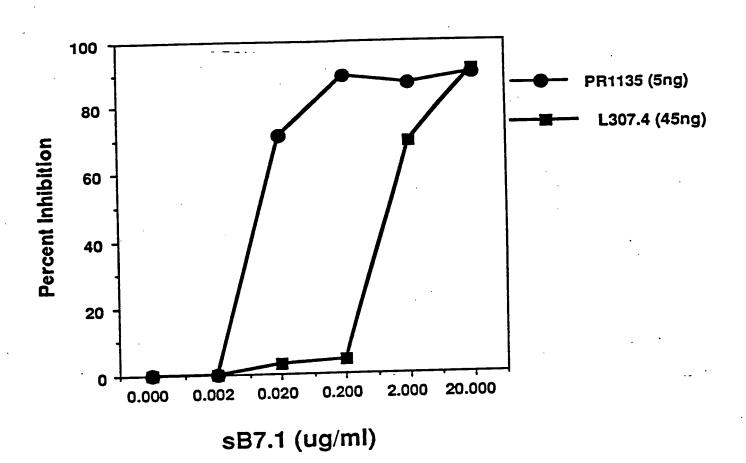
Monkey Serum Anti-B7.1 Titers Directed Against Cell Surface B7.1 on Transfected CHO Cells. Monkeys 1133-1139 were immunized with sB7.1. Monkeys 769-1146 were immunized with 50 million human B7 positive SB cells.



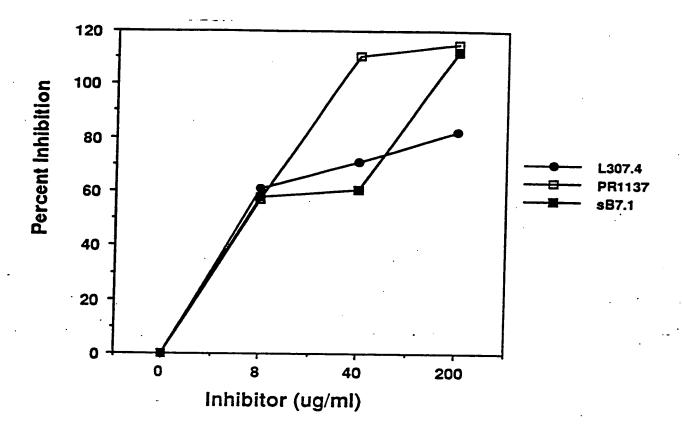
Inhibition of Radiolabeled sB7.1 Binding by sB7.1 Affinity-purified Monkey Antibodies in Presence of Unlabeled sB7 and MAb L307.4 Murine Anti-B7.1

PRINT OF DRAWINGS

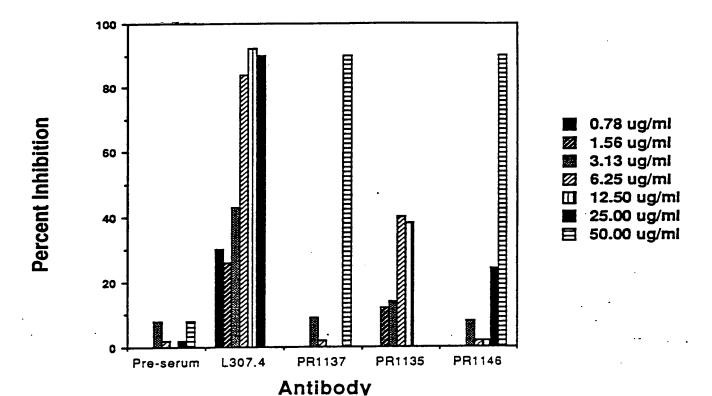




Inhibition of Binding of Radiolabeled Monkey 1135 and L307.4 Anti-B7.1 Antibodies to B7 Positive Human SB Cells by Competition With Affinity-Purified sB7.1.



Inhibition of Radiolabeled B7-Ig Binding to Activated Human Peripheral Blood T Cells by Competing With Unlabeled sB7.1 Murine Anti-B7.1 (L307.4) and Monkey 1127 Affinity-purified Serum Antibodies.



Inhibition of IL-2 Production in Mixed Lymphocyte Cultures by Anti-B7.1 Affinity-purified Monkey Serum Antibodies. Assays at some concentrations for certain monkeys were not done, due to limiting amounts of purified antibody.





FIGURE 8a

Length of 7C10 light/Primatized: 705 bp; Listed from: 1 to: 705; Translated from: 1 to: 703 (Entire region); Genetic Code used: Universal; Fri, May 26, 1995 11:11 AM

M R V P A Q L L G L L L W L P G A R ATG AGG GTC CCC GCT CAG CTC CTG GGG CTC CTG CTG CTC TGG CTC CCA GGT GCA CGA Frame 1 M 36 27 P TGT GCC TAT GAA CTG ACT CAG CCA CCC TCG GTG TCA GTG TCC CCA GGA CAG ACG GCC AGG ATC 99 63 Y W N E Н D N S R ACC TGT GGG GGA GAC AAC AGT AGA AAT GAA TAT GTC CAC TGG TAC CAG CAG AAG CCA GCG CGG 162 153 144 D P R D D GCC CCT ATA CTG GTC ATC TAT GAT GAT AGT GAC CGG CCC TCA GGG ATC CCT GAG CGA TTC TCT 225 234 216 198 207 E ${f T}$ I N G L N GGC TCC AAA TCA GGG AAC ACC GCC ACC CTG ACC ATC AAC GGG GTC GAG GCC GGG GAT GAG GCT 288 297 270 279 H P V S D GAC TAT TAC TGT CAG GTG TGG GAC AGG GCT AGT GAT CAT CCG GTC TTC GGA GGA GGG ACC CGG 333 324 P S V T L GTG ACC GTC CTA GGT CAG CCC AAG GCT GCC CCC TCG GTC ACT CTG TTC CCG CCC TCC TCT GAG 423 405 С I s D Y L GAG CTT CAA GCC AAC AAG GCC ACA CTG GTG TGT CTC ATA AGT GAC TTC TAC CCG GGA GCC GTG 477 468 T T G V E P V K A ACA GTG GCC TGG AAG GCA GAT AGC AGC CCC GTC AAG GCG GGA GTG GAG ACC ACC ACA CCC TCC --- 522 L AAA CAA AGC AAC AAC AAG TAC GCG GCC AGC AGC TAC CTG AGC CTG ACG CCT GAG CAG TGG AAG S S Y 594 603 TVEKT E G S V T H S TCC CAC AGA AGC TAC AGC TGC CAG GTC ACG CAT GAA GGG AGC ACC GTG GAG AAG ACA GTG GCC 666 657 648

P T E C S . CCT ACA GAA TGT TCA TGA 693 702



FIGURE 8b

Length of 7C10 heavy/Primatized: 1431 bp; Listed from: 1 to: 1431; Translated from: 1 to: 1429 (Entire region); Genetic Code used: Universal; Fri, May 26, 1995 11:11 AM

F L L Α ATG AAA CAC CTG TGG TTC TTC CTC CTC GTG GCA GCT CCC AGA TGG GTC CTG TCC 18 CAG GTG AAG CTG CAG CAG TGG GGC GAA GGA CTT CTG CAG CCT TCG GAG ACC CTG TCC CGC ACC 90 99 TGC GTT GTC TCT GGT GGC TCC ATC AGC GGT TAC TAC TAC TGG ACC TGG ATC CGC CAG ACC CCA 180 Y G N GGG AGG GGA CTG GAG TGG ATT GGC CAT ATT TAT GGT AAT GGT GCG ACC ACC AAC TAC AAT CCC 207 216 D TCC CTC AAG AGT CGA GTC ACC ATT TCA AAA GAC ACG TCC AAG AAC CAG TTC TTC CTG AAC TTG AAT TCT GTG ACC GAC GCG GAC ACG GCC GTC TAT TAC TGT GCG AGA GGC CCT CGC CCT GAT TGC ACA ACC ATT TGT TAT GGC GGC TGG GTC GAT GTC TGG GGC CCG GGA GAC CTG GTC ACC GTC TCC 396 405 P L Α TCA GCT AGC ACC AAG GGC CCA TCG GTC TTC CCC CTG GCA CCC TCC TCC AAG AGC ACC TCT GGG 459 486 L V K D Y GGC ACA GCG GCC CTG GGC TGC_CTG GTC AAG GAC TAC TTC CCC GAA CCG GTG ACG GTG TCG TGG 522 531 540 N S G A L T S G V H T F P A V L Q S S G L AAC TCA GGC GCC CTG ACC AGC GGC GTG CAC ACC TTC CCG GCT GTC CTA CAG TCC TCA GGA CTC 585 594 603 612 S TAC TCC CTC AGC AGC GTG GTG ACC GTG CCC TCC AGC AGC TTG GGC ACC CAG ACC TAC ATC TGC 630 666 N K V D Α AAC GTG AAT CAC AAG CCC AGC AAC ACC AAG GTG GAC AAG AAA GCA GAG CCC AAA TCT TGT GAC 702 711 720 P E L L G AAA ACT CAC ACA TGC CCA CCG TGC CCA GCA CCT GAA CTC CTG GGG GGA CCG TCA GTC TTC CTC 756 774 801 783 792 М I R TTC CCC CCA AAA CCC AAG GAC ACC CTC ATG ATC TCC CGG ACC CCT GAG GTC ACA TGC GTG GTG 837 846 855 864 873 D V Ė K N Y D G GTG GAC GTG AGC CAC GAA GAC CCT GAG GTC AAG TTC AAC TGG TAC GTG GAC GGC GTG GAG GTG 891 900 909 918 927





FIGURE 8b (Continued)

H CAT	N AAT 945	GCC	K AAG	T ACA 954	AAG	P CCG	CGG	E GAG	GAG	CAG	TAC	AAC	AGC	T ACG	Y TAC	R CGT 990	V GTG	V GTC	S AGC 999	V GTC
CTC	T ACC 1008	V GTC	L CTG	CAC	CAG	GAC	W TGG 1026	CTG	AAT	GGC	AAG	GAG	Y TAC 1044	AAG	TGC	K AAG 1053	V GTC	TCC	N AAC L062	K AAA
GCC	L CTC 1071	P CCA	A GCC	P CCC 1080	I ATC	GAG	K AAA L089	ACC	ATC	S TCC L098	AAA	GCC	K AAA 1107	g GGG	CAG	P CCC 1116	R CGA	GAA	P CCA L125	Q CAG
GIG	Y TAC 1134	T ACC	L CTG	P CCC 1143	P CCA	TCC	R CGG L152	D GAT	GAG	L CTG 1161	T ACC	AAG	N AAC 1170	Q CAG	GTC	S AGC 1179	L CTG	ACC	C TGC 1188	L CTG
GTC	K AAA L197	G GGC	F TTC	TAT	CCC	AGC	GAC	ATC	GCC	GTG	GAG.	TGG	E GAG 1233	AGC	AAT	G GGG 1242	Q CAG	CCG	E GAG .251	n aac
AAC	Y TAC L260	K AAG	T ACC 1	T ACG .269	P CCT	CCC	V GTG .278	CTG	GAC	TCC	GAC	G GGC 1	TCC	F TTC	TTC	L CTC L305	Y TAC	AGC	K AAG 314	L CTC
ACC	V GTG .323	D GAC	K AAG 1	S AGC .332	R AGG	TGG	Q CAG .341	CAG	GGG	N AAC .350	GTC	TTC	TCA	C TGC	TCC	V GTG L368	ATG	H CAT 1	GAG	A GCT
CTG	н САС .386	AAC	H CAC 1	TAC	ACG	CAG	K AAG 404	AGC	CTC	S TCC 413	L CTG	TCT	P CCG 422	g GGT		TGA .431				





FIGURE 9a

Length of 7B6 light/Primatized: 720 bp; Listed from: 1 to: 720; Translated from: 1 to: 718 (Entire region); Genetic Code used: Universal; Fri, May 26, 1995 11:10 AM

ATG AGC CTC CCT GCT CAG CTC CTC GGG CTG CTA TTG CTC TGC GTC CCC GGG TCC AGT GGG GAA GTT GTG ATG ACT CAG TCT CCA CTG TCC CTT CCC ATC ACA CCT GGA GAG CCG GCC TCC ATC TCC TGT AGG TCT AGT CAA AGC CTT AAA CAC AGT AAT GGA GAC ACC TTC CTG AGT TGG TAT $P \cdot R$ I Y CAG CAG AAG CCA GGC CAA CCT CCA AGG CTC CTG ATT TAT AAG GTT TCT AAC CGG GAC TCT GGG 216 GTC CCA GAC AGA TTC AGC GGC AGT GGG GCA GGG ACA GAT TTC ACA CTG AAA ATC AGC GCA GTG 279 288 GAG GCT GAA GAT GTT GGG GTT TAT TTC TGC GGG CAA GGT ACA AGG ACT CCT CCC ACT TTC GGC 342 351 P P V A P S GGA GGG ACC AAG GTG GAA ATC AAA CGT ACG GTG GCT GCA CCA TCT GTC TTC ATC TTC CCG CCA 405 TCT GAT GAG CAG TTG AAA TCT GGA ACT GCC TCT GTT GTG TGC CTG CTG AAT AAC TTC TAT CCC 450 459 468 477 441 AGA GAG GCC AAA GTA CAG TGG AAG GTG GAT AAC GCC CTC CAA TCG GGT AAC TCC CAG GAG AGT GTC ACA GAG CAG GAC AGC AGC AGC ACC TAC AGC CTC AGC ACC CTG ACG CTG AGC AAA GCA GAC TAC GAG AAA CAC AAA GTC TAC GCC TGC GAA GTC ACC CAT CAG GGC CTG AGC TCG CCC F N R E GTC ACA AAG AGC TTC AAC AGG GGA GAG TGT TGA 702





FIGURE 9b

Length of 7B6 heavy/Primatized: 1437 bp; Listed from: 1 to: 1437; Translated from: 1 to: 1435 (Entire region); Genetic Code used: Universal; Fri, May 26, 1995 11:09 AM

Frame	: 1		g ggt	W TGG 9	S AGC	CTC	ATC 18	L TTG	L CTC	F TTC 27	L CTT	V GTC	A GCT 36		A GCT	T ACG 45	R CGT	V GTC	Q CAG 54	C TGT
E '	V GTG 63	Q CAA	L CTG	V GTG 72		S TCT	G GGG 81	G GGA	G GGC	L TTG 90	GTC	Q CAG	P CCT 99	GGC	G GGG	S TCC 108	L CTG	R AGA	V GTC 117	S TCC
TGT (A GCA 126		S TCT	G GGA 135		T ACC		S AGT	D GAC	H CAC 153	Y TAC	M ATG	Ү ТАТ 162	W TGG	F TTC	R CGC 171	Q CAG	A GCT	P CCA 180	G GGG
AAG (G GGG 189	P CCG	E GAA	W TGG 198		g ggt	F TTC 207		R AGA	N AAC 216			N AAC 225		G GGG	T ACA 234		E GAA	Y TAC 243	
GCG 1		V GTG	K AAA	D GAC 261	R AGA	F TTC	T ACC 270		S TCC	R AGA 279		D GAT	S TCC 288	K AAA	s AGC	I ATC 297	A GCC	Y TAT	L CTG 306	Q CAA
ATG A	S AGC 315		L CTG	K AAA 324	I ATC	E GAG	D GAC 333			V GTC 342		Y TAC	C TGT 351	T ACT	T ACA	S TCC 360	Y TAC	I ATT	S TCA 369	H CAT
TGT (R CGG 378	g GGT		V GTC 387	C TGC	Y TAT	G GGA 396		Y TAC	F TTC 405			W TGG 414	G GGC	Q CAG	G GGC 423	A GCC	L CTG	V GTC 432	T ACC
GTC T			A GCT		T ACC	K AAG	G GGC 459		S TCG	V GTC 468	F TTC	P CCC		A GCA	P CCC	S TCC 486	S TCC	K AAG	S AGC 495	T ACC
TCT (G GGC	T ACA	A GCG 513	A GCC		G GGC 522					D GAC	Y TAC 540		P CCC	E GAA 549		V GTG	T ACG 558	
TCG 1		n AAC	S TCA		A GCC	L CTG	T ACC 585			V GTG 594			F TTC 603	P CCG		V GTC 612	L CTA	Q CAG	S TCC 621	S TCA
GGA C		Y TAC	S TCC	L CTC 639	s AGC		V GTG 648				P CCC	S TCC	S AGC 666	S AGC	L TTG	G GGC 675	T ACC	Q CAG		Y TAC
I C ATC T			V GTG	N AAT 702	H CAC	K AAG	P CCC 711		n AAC	T ACC 720	K AAG		D GAC 729	K AAG	K AAA	A GCA 738		P CCC	K AAA 747	S TCT
C I			T ACT	н САС 765			P CCA 774			р ССА 783						G GGG 801		P CCG	S TCA 810	
TTC				P CCA 828			K AAG 837			L CTC 846		I ATC	S TCC 855			P CCT 864		V GTC	T ACA 873	
V V GTG G						H CAC	E GAA 900			E GAG 909					W TGG	Y TAC 927	GTG	D GAC	G GGC 936	





FIGURE 9b (Continued)

	V GTG 945			GCC	K	ACA	K AAG 963	CCG	R CGG	GAG	E GAG	CAG	TAC	n Aac	S AGC	T ACG 990	Y TAC	R CGT	V GTG 999	V GTC
AGC	V GTC 1008	L CTC	ACC	V GTC 1017	CTG	CAC	CAG	GAC	TGG	CTG	AAT	GGC	K AAG 1044	GAG	TAC	K AAG 1053	C TGC	AAG	V GTC 1062	S TCC
AAC	K AAA L071	A GCC	CTC	P CCA 1080	A GCC	CCC	I ATC 1089	GAG	AAA	ACC	ATC	TCC	AAA	GCC	AAA	G GGG 1116	Q CAG	CCC	R CGA 1125	E GAA
CCA	Q CAG L134	GTG	TAC	т АСС 1143	L CTG	CCC	P CCA 1152	TCC	CGG	GAT	GAG	CTG	T ACC 1170	K AAG	AAC	Q CAG 1179	V GTC	AGC	L CTG 1188	T ACC
	-	7.7	v	C	E-	v	ъ	ď	ח	т	Δ	7.7	E	TAT	F	ď	NT.	G	Q	ъ.
TGC	CTG L197	GTC	AAA	GGC 1206	TTC	TAT	CCC	AGC	GAC	ATC	GCC	GTG	GAG 1233	TGG	GAG	AGC 1242	AAT	GGG	ČAG 1251	CCG
TGC 1 E GAG	CTG L197 N	GTC N	AAA Y TAC	GGC 1206 K AAG	TTC	TAT T ACG	CCC 1215 P CCT	AGC P CCC	GAC 1 V GTG	ATC 1224 L CTG	GCC D GAC	GTG S TCC	GAG 1233 D	TGG G GGC	GAG S TCC	AGC 1242 F	AAT F	GGG L CTC	CAG 1251 Y	ccg
TGC E GAG 1 K AAG	CTG L197 N AAC L260	GTC N AAC T ACC	Y TAC V GTG	GGC 1206 K AAG 1269 D GAC	TTC T ACC K AAG	TAT T ACG S AGC	CCC 1215 P CCT 1278 R	AGC P CCC W TGG	GAC V GTG 1 Q CAG	L CTG .287	GCC D GAC G G GGG	S TCC N AAC	GAG 1233 D GAC 1296 V GTC	TGG G GGC F	S TCC S TCA	AGC 1242 F TTC 1305	F TTC	CTC V GTG	CAG 1251 Y TAC 1314	S AGC





FIGURE 10a

Length of 16C10 Lambda/Primatized: 711 bp; Listed from: 1 to: 711; Translated from: 1 to: 709 (Entire region); Genetic Code used: Universal; Fri, May 26, 1995 11:08 AM

M R V P A Q L L G L L L W L P G A R ATG AGG GTC CCC GCT CAG CTC CTG GGG CTC CTG CTC TGG CTC CCA GGT GCA CGA 9 18 27 36 45 54 TGT GAG TCT GTC CTG ACA CAG CCG CCC TCA GTG TCT GGG GCC CCA GGG CAG AAG GTC ACC ATC TCG TGC ACT GGG AGC ACC TCC AAC ATT GGA GGT TAT GAT CTA CAT TGG TAC CAG CAG CTC CCA G T A P K L L I Y D I N K R P S G I S D R GGA ACG GCC CCC AAA CTC CTC ATC TAT GAC ATT AAC AAG CGA CCC TCA GGA ATT TCT GAC CGA TTC TCT GGC TCC AAG TCT GGT ACC GCG GCC TCC CTG GCC ATC ACT GGG CTC CAG ACT GAG GAT E A D Y Y C Q S Y D S S L N A Q V F G G G GAG GCT GAT TAT TAC TGC CAG TCC TAT GAC AGC AGC CTG AAT GCT CAG GTA TTC GGA GGA GGG 342 ACC CGG CTG ACC GTC CTA GGT CAG CCC AAG GCT GCC CCC TCG GTC ACT CTG TTC CCG CCC TCC 405 S E E L Q A N K A T L V C L I S D F Y P G
TCT GAG GAG CTT CAA GCC AAC AAG GCC ACA CTG GTG TGT CTC ATA AGT GAC TTC TAC CCG GGA A V T V A W K A D S S P V K A G V E T T T GCC GTG ACA GTG GCC TGG AAG GCA GAT AGC AGC CCC GTC AAG GCG GGA GTG GAG ACC ACA P S K Q S N N K Y A A S S Y L S L T P E Q CCC TCC AAA CAA AGC AAC AAG TAC GCG GCC AGC AGC TAC CTG AGC CTG ACG CCT GAG CAG 585 594 603 S Y V T H E G TGG AAG TCC CAC AGA AGC TAC AGC TGC CAG GTC ACG CAT GAA GGG AGC ACC GTG GAG AAG ACA 648 657 666 GTG GCC CCT ACA GAA TGT TCA TGA 702



FIGURE 10b

Length of 16C10 heavy/primatized: 1431 bp;

Listed from: 1 to: 1431;

Translated from: 1 to: 1429 (Entire region);

Genetic Code used: Universal; Fri, May 26, 1995 11:08 AM

Frame 1 M K H L W F F L L L V A A P R W V L S
ATG AAA CAC CTG TGG TTC TTC CTC CTC CTG GTG GCA GCT CCC AGA TGG GTC CTG TCC
9 18 27 36 45 54

CAG GTG CAG CTG CAG GAG TCG GGC CCA GGA CTG GTG AAG CCT TCG GAG ACC CTG TCC CTC ACC 63 72 81 90 99 108 117

C A V S G G S I S G G Y G W G W I R Q P P
TGC GCT GTC TCT GGT GGC TCC ATC AGC GGT GGT TAT GGC TGG GGC TGG ATC CGC CAG CCC CCA
126 135 144 153 162 171 180

G K G L E W I G S F Y S S S G N T Y Y N P
GGG AAG GGG CTG GAG TGG ATT GGG AGT TTC TAT AGT AGT AGT GGG AAC ACC TAC TAC AAC CCC
189 198 207 216 225 234 243

S L K S Q V T I S T D T S K N Q F S L K L
TCC CTC AAG AGT CAA GTC ACC ATT TCA ACA GAC ACG TCC AAG AAC CAG TTC TCC CTG AAG CTG
252 261 270 279 288 297 306

N S M T A A D T A V Y Y C V R D R L F S V
AAC TCT ATG ACC GCC GCG GAC ACG GCC GTG TAT TAC TGT GTG AGA GAT CGT CTT TTT TCA GTT
315 324 333 342 351 360 369

V G M V Y N N W F D V W G P G V L V T V S
GTT GGA ATG GTT TAC AAC AAC TGG TTC GAT GTC TGG GGC CCG GGA GTC CTG GTC ACC GTC TCC
378 387 396 405 414 423 432

S A S T K G P S V F P L A P S S K S T S G
TCA GCT AGC ACC AAG GGC CCA TCG GTC TTC CCC CTG GCA CCC TCC TCC AAG AGC ACC TCT GGG
441 450 459 468 477 486 495

G T A A L G C L V K D Y F P E P V T V S W
GGC ACA GCG GCC CTG GGC CTG GTC AAG GAC TAC TTC CCC GAA CCG GTG ACG GTG TCG TGG
504 513 522 531 540 549 558

N S G A L T S G V H T F P A V L Q S S G L AAC TCA GGC GCC CTG ACC AGC GGC GTG CAC ACC TTC CCG GCT GTC CTA CAG TCC TCA GGA CTC 567 576 585 594 603 612 621

Y S L S S V V T V P S S S L G T Q T Y I C
TAC TCC CTC AGC AGC GTG GTG ACC GTG CCC TCC AGC AGC TTG GGC ACC CAG ACC TAC ATC TGC
630 639 648 657 666 675 684

N V N H K P S N T K V D K K A E P K S C D AAC GTG AAT CAC AAG CCC AGC AAC ACC AAG GTG GAC AAG AAA GCA GAG CCC AAA TCT TGT GAC 693 702 711 720 729 738 747

K T H T C P P C P A P E L L G G P S V F L
AAA ACT CAC ACA TGC CCA CCG TGC CCA GCA CCT GAA CTC CTG GGG GGA CCG TCA GTC TTC CTC
756 765 774 783 792 801 810

F P P K P K D T L M I S R T P E V T C V V
TTC CCC CCA AAA CCC AAG GAC ACC CTC ATG ATC TCC CGG ACC CCT GAG GTC ACA TGC GTG GTG

V D V S H E D P E V K F N W Y V D G V E V GTG GAC GTG GAA GAC CCT GAG GTC AAG TTC AAC TGG TAC GTG GAC GGC GTG GAG GTG

FIGURE 10b (Continued)

	882			891-			900			909			918			927			936	
H CAT	N AAT 945	A GCC	K AAG	T ACA 954	K AAG	P CCG	R CGG 963	E GAG	E GAG	972			981			990			S AGC 999	V GIC
CTC	T ACC	GTC	CTG	1017	CAG	GAC	1020		: :	1035			1044			1053		S TCC	N AAC 1062	K AAA
GCC	L CTC 1071	CCA	GCC	P CCC 1080	I ATC	GAG	K AAA 1089	ACC		S TCC 1098			K AAA 1107	G GGG	Q CAG	P CCC 1116	R CGA		P CCA 1125	CAG
V GTG		T ACC	CTG	P CCC 1143	CCA	TCC	R CGG 1152	GAT	E GAG	L CTG 1161	T ACC	K AAG	N AAC 1170	Q CAG	V GTC	S : AGC 1179	L CTG	T ACC	C TGC 1188	CTG
V GTC	K AAA 1197	G GGC		1206	•	AGC	1210	ATC	GCC	1224	GAC	; 1G(1233	}	,	1242			GAG 1251	N ; AAC
N AA		K C AAG	T G AC	т С АСО 1269	3 CC.	r CC(V C GTC 1278	CIC	D GAG	S TC0 1287	D GAG	G C GG	S C TC(129(F C TIX	F TTV	L CTX 130	Y C TAC	S C AG	K C AAC 1314	L CTC
T AC	V C GTY		CAA	G AG	- AG	W G TG	Q G CAG 134:		G G GG	N G AA(135)	V C GT	F C TT	S C TC 135	C A TG	s C TC	V C GTV 136	M G AT 8	H G CA	E T GA(137	A G-GCT 7
C.I	H G CA		H C CA	Y C TA	CAC	Q G CA	K G AA 140	s GAG 4	~ ~-	C TC	L C CT 3	S G TC	P T CC 142	G G GG 2	K T AA	A TG 143	A 1			•